
In the Claims:

1. (currently amended) A luminescent vest equipped with plastic optical fibers, comprising:
A a top layer[[:]] comprising a plastic film layer, having a transparent form, bearing letters and ~~or~~ patterns according to preset designs;
A a middle layer[[:]] comprising a woven layer containing the plastic optical fibers, wherein a specified number of ~~the~~ plastic optical fibers form a bundle;
A a bottom layer[[:]] comprising a web-like woven layer;
wherein The foregoing layers the top layer, the middle layer, and the bottom layer form a three-layer structure that is attachable to other clothing and products for extensive applications, including environmental protection uniforms, traffic policeman uniforms, road sweeping uniforms, security guard uniforms and general apparel, projecting light effects during nighttime for alarm effects.
2. (currently amended) The luminescent vest of claim 1, wherein the plastic optical fibers in the woven layer are lengthwise and crosswise ~~chemical fibers~~.
3. (currently amended) The luminescent vest of claim 1, wherein the woven layer is interwoven by lengthwise plastic optical fibers and ~~lengthwise plastic optical~~ crosswise chemical fibers.
4. (original) The luminescent vest of claim 1, wherein the woven layer is interwoven by crosswise plastic optical fibers and lengthwise chemical fibers.
5. (original) The luminescent vest of claim 3, wherein the chemical fiber in the woven layer is made of polyester, nylon or blended fiber.
6. (currently amended) The luminescent vest of claim 1, wherein the plastic optical fiber bundle ~~faces coupled to~~ a light-emitting unit to guide and project light.
7. (new) A luminescent vest comprising:

a transparent plastic film layer;

a woven layer containing plastic optical fibers, wherein a specified number of the plastic optical fibers form a bundle; and

a web-like woven layer;

wherein the woven layer is sandwiched between the transparent plastic film layer and the web-like woven layer forming a three layer structure, and the plastic optical fiber bundle is coupled to a light-emitting unit to guide and project light.